

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of Kan, et al. Serial No. 09/986,222	,	VELOCITY RESPONSIVE FILTERING FOR PILOT SIGNAL RECEPTION				
Filed: October 22, 2001	) ) ) Group No. 2681	RECEIVED				
		APR 2 3 2003				
	DISCLOSURE STATEMENT R 37 CFR § 1.97(c)	Technology Center 2600				
Commissioner of Patents Washington, D.C. 20231						
Dear Sir:						
Applicants, through their attorney	y, submit herewith references in ac	cordance with 37				
CFR § 1.56.						
The citation of these references	is not intended to constitute an ac	dmission that any				
reference provided is prior art to the inve	ntion of this application unless spec	ifically designated				
as such.						
	I hereby certify that this corre deposited with the United States F class mail in an envelope addres Commissioner for Patents, Washing	Postal Service as first sed to the Assistant				
	April 16, 2003					
	(Date of Deposi					
	Theresa Badet (Name of the Person Maki					
	Theresa M.	edet				
,	(Signature)					

000276 PATENT

The filing of this document shall not be construed to mean that any search has been made or, that if made such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists. A list of the references is set forth on Form PTO-1449, which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

The undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Also enclosed for your convenience is a copy of the International Search Report.

By:

Respectfully submitted,

Dated: April 16, 2003

Howard S. Seo, Reg. No. 43,106

(858) 845-5235

QUALCOMM Incorporated Attn: Patent Department

5775 Morehouse Drive San Diego, California 92121-1714

Telephone: (

Facsimile:

(858) 651-1179 (858) 658-2502

TODA TO														Sneet 1 of	
(REV. 7-96)	PATENT	'AND'	TRAL	DEM	ARK	CO	MMI FICE	ERCE				RIAL N 986,222			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT									APPLICANT						
(Use several sheets if necessary)									Kan et al.						
												OUP.			
DATE MAILED: April 16, 2003									October 2		268	31			
EXAMINER	Tn.cl							U.S. PA	TENT DOCU	MENTS				FILING DATE	
INITIAL	Ref No	DOC	OCUMENT NUMBER					DATE	NAME			CLASS	SUB CLASS	IF APPRO- PRIATE	
	Al											R	ECE	VED	
	A2												DD 0 1	2003	
	A3											P	PR 2 :	7000	
	A4											Techi	ology C	enter 2600	
	A5														
								FOREIGN I	PATENT DO	CUMENTS					
EXAMINER INITIAL	Ref No	DOC	DOCUMENT NUMBER				R	DATE	COUNTRY NAME		1E		CLASS	SUB CLASS	
	B1														
	B2														
	В3														
	B4														
	B5														
	В6														
	В7			L.											
			ОТ	HE	R P	RIC	R	ART (Includin	ng Author, Ti	tle, Date, Pertine	nt Pa	ge, Etc.)			
	C1		Blos	stei	n, S	S., (	et a	ıl. (1995) A	A change-de	etection approa	ach to	o monit	oring fa	ding	
		·	Blostein, S., et al. (1995) A change-detection approach to monitoring fading channel bandwidth. Information Theory pg. 155.												
	C2		Li, H., et al. (1990) An adaptive filtering technique for pilot aided transmission												
			syst	em	sl	EE	EE :	pgs. 507-51	2.						
	СЗ									nnel estimation	sche	me for	DS-CD	MA	
			Oh, H., et al. (2000) An adaptive channel estimation scheme for DS-CDMA systems. VTC pgs. 2839-2843.												
	C4		Sakamoto, M., et al. (2000) Adaptive channel estimation with velocity estimator												
			for `	W-(	CD	M	4 r	eceiver. V							
EXAMINE	ER								DATE CO	NSIDERED					
								or not citation is form with next co		with MPEP 609; Draw	v line th	rough citati	on if not in		
										**					

J